

TOBACCO INDUSTRY RESEARCH COMMITTEE  
350 FIFTH AVENUE NEW YORK 1, N. Y.

6. Budget Item

Salaries  
Expenditure Supplies  
Application For Research Grant

668 RL

Q. White

Other

Date:

March 12, 1956

1. Name of Investigator:

Charles E. Sherwood, M.D., Assistant Professor of Radiology  
(principal Investigator)

2. Title:  
George L. Emerson, M.D., Assistant Professor of Surgery and  
And Assistant Professor of Radiology  
Marion S. Emerson, F.D., Instructor of Medicine

3. Institution  
& Address:

University of Rochester School of Medicine and Dentistry,  
260 Crittenden Blvd.  
Rochester, N. Y.

4. Project or Subject:

Investigation into the natural history of carcinoma of the lung with particular reference to the radiographic appearance of such processes, the earliest manifestation of cancer on chest x-rays and the tabulation of the relationship of smoking habits and occupation with the incidence of lung cancer.

5. Detailed Plan of Procedure (Use reverse side if additional space is needed):

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The major concern of the investigators is the evaluation of the earliest x-ray changes indicative of lung cancer with the aim of earlier suspicion and recognition of such lesions.

Proven cases of bronchogenic carcinoma are screened and a search made for any and all previous chest x-ray. Such a search involves written communication with patients, their next survivors, family physicians, hospital record departments and radiological installations. All radiographs collected are reviewed by the investigators. Representative films for possible future publication are being photographed prior to their return to the institutions at which they originated.

Other statistical information, such as occupational factors and smoking habits, is being tabulated.

As indicated by the progress report submitted in February 1956, review and analysis of 203 cases had been completed at that time. Collected data on 250 cases is still before us and we propose to increase this to approximately 2,500, or a total of 500 cases in all. Those already completed are principally from the earlier years of the institution. Since most of the remaining cases have been discovered either recently or during the past 10 years, information will be more complete and the yield of previous radiographs more rewarding when with the earlier cases.

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6. Budget Plan:

Salaries	\$4,800.00
Expendable Supplies	200.00
Application for Equipment	
Permanent Equipment	
Overhead	
Other	
Total	750.00
Month 12, 1957	
	5,750.00

7. Anticipated Duration of Work:

12 months ~~beginning~~ after completion of current project period. (see item 10)

8. Facilities and Staff Available: The facilities and staff of the Department of Radiology and the investigators are the only personnel.

9. Additional Requirements: Since our work is ~~mainly~~ mainly investigative with reviewing of films and charts, the facilities of the Department of Radiology are ~~sufficient~~ sufficient.

10. Additional Information (including relation of work to other projects and other sources of supply):

Dr. Marion Emerson continues to be of invaluable aid in her capacity as professional liaison with the patient, family and family physician. Her value in reviewing collected material and culling through the clinical records of patients cannot be overemphasized.

It is proposed to terminate this study on or about July 1, 1957. It would appear reasonable to expect that we will have collected and analyzed approximately 500 cases by the late winter of 1956-57 and the latter months of the project year would be devoted to the evaluation of our findings and the preparation for future publication.

Budget requirements are as before. Amount for expendable supplies is earmarked for postage and the cost of reproduction of any radiographs. The amount of \$103.00 has been expended to date. Collected data on 470 cases in 1955-56 and we propose to increase this to approximately 500 cases by July 1, 1957. These clearly completed and principally these are the cases of the 1003-1135 signature. There are of the remaining cases were blank signatures and the name of Director of Project not known, information will be kept complete and the field of investigation.

*/s/ Charles E. Sherwood, M.D. in 1956  
and 1957*

Business Officer of the Institution

*/s/ LaRoy B. Thompson*